

इंटरनेट

मानक

Disclosure to Promote the Right To Information

Whereas the Parliament of India has set out to provide a practical regime of right to information for citizens to secure access to information under the control of public authorities, in order to promote transparency and accountability in the working of every public authority, and whereas the attached publication of the Bureau of Indian Standards is of particular interest to the public, particularly disadvantaged communities and those engaged in the pursuit of education and knowledge, the attached public safety standard is made available to promote the timely dissemination of this information in an accurate manner to the public.

“जानने का अधिकार, जीने का अधिकार”

Mazdoor Kisan Shakti Sangathan

“The Right to Information, The Right to Live”

“पुराने को छोड़ नये के तरफ”

Jawaharlal Nehru

“Step Out From the Old to the New”

IS 5581 (1970): Stirrup, Bohler's [MHD 2: Orthopaedic Instruments, Implants and Accessories]



“ज्ञान से एक नये भारत का निर्माण”

Satyanarayan Gangaram Pitroda

“Invent a New India Using Knowledge”



“ज्ञान एक ऐसा खजाना है जो कभी चुराया नहीं जा सकता है”

Bhartrhari—Nitiśatakam

“Knowledge is such a treasure which cannot be stolen”

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Indian Standard

SPECIFICATION FOR STIRRUP, BOHLER'S

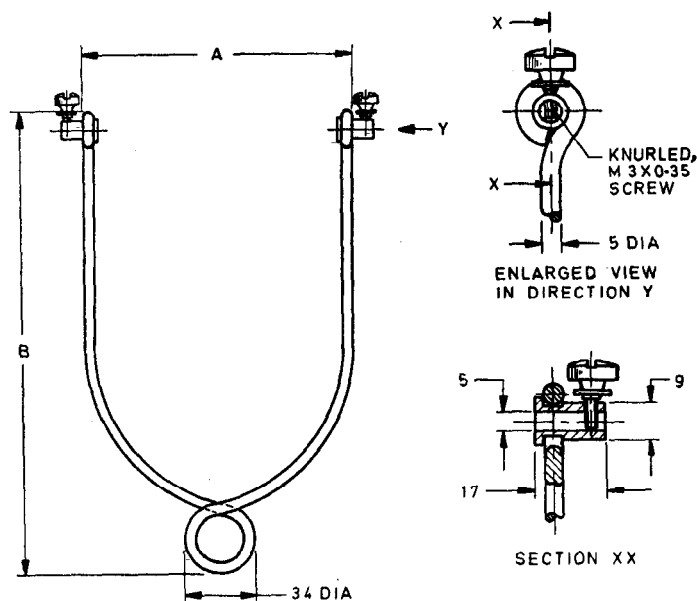
1. Scope — Dimensions and requirements for Bohler stirrup used with Steinman pins for traction purposes in orthopaedic surgery.

2. Material

2.1 Wire Frame — Stainless steel conforming to Designation 30Cr13 of Schedule V of IS : 1570-1961*.

2.2 Bush and Screws — Stainless steel conforming to Designation 07Cr19Ni9 of Schedule V of IS : 1570-1961*.

3. Shape and Dimensions — As shown in Fig. 1.



A	B
90	180
110	200
130	225

All dimensions in millimetres.

FIG. 1 STIRRUP, BOHLER'S, FOR STEINMAN PIN

4. Requirements

4.1 Workmanship — Bushes having grooves on one side and threaded screws on other side shall be fitted in the loops of wire frame at both ends in such a way that each bush rotates at its grooved portion about its axis freely. Central line of the holes of two bushes when fitted shall be co-axial. The threads and knurling wherever provided shall be well-formed and clean. The stirrup shall be free from pits, burrs, cracks, scales and other surface defects.

4.2 Finish — The instrument shall be passivated and finished smooth and bright.

4.3 Hardness — The wire frame shall be hardened and tempered to 350 to 450 HV.

4.4 Corrosion Resistance — Scrub the sample with soap and warm water, rinse in hot water and then dip in 95 percent ethyl alcohol. Dry the sample. Immerse in copper sulphate solution at room temperature for 6 minutes and wash off with fresh water or wet cotton wool. Make up the solution as follows:

Copper sulphate ($\text{CuSO}_4 \cdot 5\text{H}_2\text{O}$)	4.0 g
Sulphuric acid (H_2SO_4) (sp gr 1.84)	10.0 g
Water (H_2O)	90.0 ml

No red stains or spots on the sample shall be allowed but dulling of the polished surface may be permitted.

5. Marking — Shall be legibly and indelibly marked with manufacturer's name, initials or recognized trade-mark and the word 'ss' for stainless steel.

5.1 ISI Certification Marking — Details available from the Indian Standards Institution, New Delhi 1.

6. Packing — Shall be as agreed to between the purchaser and the supplier.

*Schedules for wrought steels for general engineering purposes.

Adopted 9 April 1970

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Price Re...

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NEW DELHI 1

Revised Title

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